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1600

#14

RAW SEQUENCE LISTING

DATE: 04/21/2003

PATENT APPLICATION: US/09/914,612A

TIME: 15:04:18

Input Set : A:\#729950 v1 - 4137-5 Sequence Listing.txt

Output Set: N:\CRF4\04212003\I914612A.raw

3 <110> APPLICANT: O'Brien-simpson, Neil M.
 4 Reynolds, Eric C.
 6 <120> TITLE OF INVENTION: SYNTHETIC PEPTIDES CONTAINING PROTECTIVE EPITOPES FOR
 7 THE TREATMENT AND PREVENTION OF PERIODONTITIS
 8 ASSOCIATED WITH PORPHYROMONAS GINGIVALIS
 10 <130> FILE REFERENCE: O'brien-simpson
 12 <140> CURRENT APPLICATION NUMBER: 09/914,612A
 C--> 13 <141> CURRENT FILING DATE: 2002-01-11
 15 <150> PRIOR APPLICATION NUMBER: PP 5939
 16 <151> PRIOR FILING DATE: 1999-03-01
 18 <150> PRIOR APPLICATION NUMBER: PCT/AU00/00142
 19 <151> PRIOR FILING DATE: 2000-03-01
 21 <160> NUMBER OF SEQ ID NOS: 33
 23 <170> SOFTWARE: PatentIn Ver. 2.1
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 27
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Porphyromonas gingivalis
 30 <400> SEQUENCE: 1
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 32 1 5 10 15
 34 Thr Gly Pro Leu Phe Thr Gly Thr Ala Ser Ser
 35 20 25
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 27
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Porphyromonas gingivalis
 43 <400> SEQUENCE: 2
 44 Leu Tyr Ser Ala Asn Phe Glu Ser Leu Ile Pro Ala Asn Ala Asp Pro
 45 1 5 10 15
 47 Val Val Thr Thr Gln Asn Ile Ile Val Thr Gly
 48 20 25
 51 <210> SEQ ID NO: 3
 52 <211> LENGTH: 27
 53 <212> TYPE: PRT
 54 <213> ORGANISM: Porphyromonas gingivalis
 56 <400> SEQUENCE: 3
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 58 1 5 10 15
 60 Val Val Thr Thr Gln Asn Ile Ile Val Thr Gly
 61 20 25
 64 <210> SEQ ID NO: 4
 65 <211> LENGTH: 20

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66 <212> TYPE: PRT
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82 <400> SEQUENCE: 5
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84   1                               5               10               15
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87           20               25
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91 <211> LENGTH: 25
92 <212> TYPE: PRT
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95 <400> SEQUENCE: 6
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100           20               25
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129   1                               5               10
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133 <211> LENGTH: 12
134 <212> TYPE: PRT
135 <213> ORGANISM: Porphyromonas gingivalis
137 <400> SEQUENCE: 9
138 Pro Ala Ser Gly Lys Met Trp Ile Ala Gly Asp Gly

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163 <211> LENGTH: 148
164 <212> TYPE: PRT
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168 Ala Asn Glu Ala Lys Val Val Leu Ala Ala Asp Asn Val Trp Asp Gly
169 1 5 10 15
171 Asn Thr Gly Tyr Gln Phe Leu Leu Asp Ala Asp His Asn Thr Phe Gly
172 20 25 30
174 Ser Val Ile Pro Ala Thr Gly Pro Leu Phe Thr Gly Thr Ala Ser Ser
175 35 40 45
177 Asp Leu Tyr Ser Ala Asn Phe Glu Ser Leu Ile Pro Ala Asn Ala Asp
178 50 55 60
180 Pro Val Val Thr Thr Gln Asn Ile Ile Val Thr Gly Gln Gly Glu Val
181 65 70 75 80
183 Val Ile Pro Gly Gly Val Tyr Asp Tyr Cys Ile Thr Asn Pro Glu Pro
184 85 90 95
186 Ala Ser Gly Lys Met Trp Ile Ala Gly Asp Gly Gly Asn Gln Pro Ala
187 100 105 110
189 Arg Tyr Asp Asp Phe Thr Phe Glu Ala Gly Lys Lys Tyr Thr Phe Thr
190 115 120 125
192 Met Arg Arg Ala Gly Met Gly Asp Gly Thr Asp Met Glu Val Glu Asp
193 130 135 140
195 Asp Ser Pro Ala
196 145
199 <210> SEQ ID NO: 13
200 <211> LENGTH: 13
201 <212> TYPE: PRT
202 <213> ORGANISM: Porphyromonas gingivalis
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206 1 5 10
209 <210> SEQ ID NO: 14
210 <211> LENGTH: 13

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211 <212> TYPE: PRT
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229 <210> SEQ ID NO: 16
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235 Phe Leu Leu Asp Ala Asp His Asn Thr Phe Gly Ser Val
236 1 5 10
239 <210> SEQ ID NO: 17
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241 <212> TYPE: PRT
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250 <211> LENGTH: 13
251 <212> TYPE: PRT
252 <213> ORGANISM: Porphyromonas gingivalis
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256 1 5 10
259 <210> SEQ ID NO: 19
260 <211> LENGTH: 13
261 <212> TYPE: PRT
262 <213> ORGANISM: Porphyromonas gingivalis
264 <400> SEQUENCE: 19
265 Thr Gly Thr Ala Ser Ser Asp Leu Tyr Ser Ala Asn Phe
266 1 5 10
269 <210> SEQ ID NO: 20
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271 <212> TYPE: PRT
272 <213> ORGANISM: Porphyromonas gingivalis
274 <400> SEQUENCE: 20
275 Leu Tyr Ser Ala Asn Phe Glu Ser Leu Ile Pro Ala Asn
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279 <210> SEQ ID NO: 21
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299 <210> SEQ ID NO: 23
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305 Asn Ile Ile Val Thr Gly Gln Gly Glu Val Val Ile Pro
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309 <210> SEQ ID NO: 24
310 <211> LENGTH: 13
311 <212> TYPE: PRT
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/914,612A

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TIME: 15:04:19

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date